TECH CENTER 1600/20 Customer Number: 22,852
Attorned Docket No. 7414.0022-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Greenfield

Group Art Unit: 1645

Application No.: 09/724,613

Examiner: Not Yet Assigned

Filed: November 28, 2000

For:

Z& TRAC

COMPOSITIONS, METHODS, AND KITS FOR ISOLATING NUCLEIC

ACIDS USING SURFACTANTS AND

PROTEASES

Assistant Commissioner for Patents

Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached Form PTO 1449. This Information Disclosure Statement is being filed, to the undersigned's knowledge, before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents are attached.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the

LAW OFFICES FINNEGAN, HENDERSON, FARABOW, GARRETT, & DUNNER, L.L.P. 1300 I STREET, N. W. WASHINGTON, DC 20005 202-408-4000

documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the claimed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: November 20, 2001

By:__*lGdl/*

Robert W. Mann Reg. No. 48,555

LAW OFFICES
FINNECAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L. L. P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000



OMB No. 0651-0011 RECEIVED

Atty Dookst N.	7444 0000 0000				
Atty. Docket No.	7414.0022-00000	Serial No.	09/724,613	NOV	
Applicant	GREENFIELD			TF011- 6 2001	
Files balle E	November 28, 2000	Group:	1645	TECH CENTER 1600/2900	
£					

NOV 2 1 2001	U.S. PATENT DOCUMENTS					
Examiner distribution	Document Number	Issue Date	Name	Class	Sub Class	Filing Date
	4,481,294	Nov 6, 1984	J. Downs			
	5,010,183	Apr 23, 1991	D. Macfarlane			
1	5,300,635	Apr 5, 1994	D. Macfarlane			
	5,596,092	Jan 21, 1997	C. Schneider			
	5,728,822	Mar 17, 1998	D. Macfarlane			

 	FOREIGN PATEN	NT DOCUMENT	S		
Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
WO 98/20164	May 14, 1998	PCT			763 01 110
			+		

 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
 Chapdelaine, P. et al., "A One-Hour Procedure for the Preparation of Genomic DNA from Frozentissues," <i>BioTechniques</i> , 14(2):163-164, 1993.			
 Colosi, J. C. et al., "Tissue Grinding with Ball Bearings and Vortex Mixer for DNA Extraction," <i>Nucleic Acid Research</i> , 21(4):1051-1052, 1993.			
 Dry, P.J., "A Quick and Easy Method for the Purification of DNA From Chorionic Villus Samples," <i>Nucleic Acids Research</i> , 16(15):7730, 1988.			
Fisher, J. A., "Activity of Proteinase K and RNase in Guanidinium Thiocyanate," <i>Techniques in Molecular Biology and Cloning</i> , Abstract 4823, FASEB Journal, 1988.			
 Goldenberger, D. et al., "A Simple 'Universal' DNA Extraction Procedure Using SDS and Proteinase K is Compatible with Direct PCR Amplification," <i>PCR Methods and Applications</i> , 4:368-370, 1995.			
Lai, CC. et al., "Improved Proteinase K Digestion for the Rapid Isolation of mRNA from Mammalian Tissues," <i>BioTechniques</i> , 15(4):620-624, 1993.			
Laird, P. W. et al., "Simplified Mammalian DNA Isolation Procedure," <i>Nucleic Acids Research</i> , 19(15):4293, 1991.			
Macfarlane, D. E. et al., "Isolating RNA from Clinical Samples With Catrimox-14 and Lithium Chloride," <i>Journal of Clinical Laboratory Analysis</i> , 11:132-139, 1997.			

NOV 2 1 2001 SIFORMATION DISCLOSURE CITATION

OMB No. 0651-0011

09/724,613

NOV
26 2007

1645 Atty. Docket No. 7414.0022-000 Serial No. Applicant GREENOFIL Filing Date November 28, 2000 Group:

 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
Macfarlane, D. E. et al., "Isolating RNA from Whole Blood - The Dawn of RNA-Based Diagnosis," Nature, 362:186-188, 1993.
Wilson, K., "Preparation of Genomic DNA from Bacteria" in <i>Current Protocols in Molecular Biology Volume 1</i> , F.M. Ausbel et al. (Eds.), John Wiley & Sons, Inc., NY, pp. 2.4.1-2.4.5, 1994.
Biology, Volume 1, F.M. Ausbel et al. (Eds.), John Wiley & Sons, Inc., NY, pp. 2.3.3.2.7, 1004
Rauber, N. R. K. et al., "Ribonuclease A Digestion by Proteinase K," Z. Naturforsch., 33 c:660-663
Seibert, G. et al., "The Separation of High and Low Molecular Weight RNA by Precipitation with N-Cetyl-N,N,N-trimethylammoniumbromide," Z. Naturforsch Sect. C. Biosci., 32(3-4):294-296, 1977.
Wiegers, U. et al., "A New Method Using 'Proteinase K' to Prevent mRNA Degradation During Isolation from HeLa Cells," <i>Biochemical and Biophysical Research Communications</i> , 44(2):513-

Examiner				
		Date Considered		
*Examiner:	Initial if reference considered, whether or no through citation if not in conformance and n communication to applicant.	citation is in conformance with MPEP 609; draw line considered. Include copy of this form with next		
Form PTO 1449	Patent and	Trademark Office - U.S. Department of Commerce		